

DRAFT Data Assessment Team (DAT) Conference Call Notes
11/12/2015 at 11:00 a.m.

Participants: Barb Byrne (NMFS), Lauren Damon, Geir Aasen, and Trishelle Morris (DFW), Rhiannon Mulligan, and Loi Tran (DWR) Josh Gruber and Leigh Bartoo (FWS) RG Fernando (MWD), Lucinda Shih and Dewin Sereno(CCWD)

Sacramento River Fish Monitoring update provided by Rhiannon Mulligan (DWR):

Preliminary Rotary Screw Trap (RST) Report				
Species*	FWS Red Bluff Diversion Dam RST (Estimated Passage)	Glenn-Colusa Irrigation District (GCID) RST (Catch)	DFW Tisdale Weir RST (Catch)	DFW Knights Landing RST (Catch)
Date	10/22/2015- 11/04/2015	11/06/15-11/12/15	11/03/2015- 11/10/2015	11/05/2015- 11/11/2015
CHNF	1,711	2	0	0
CHNLF	5,325	26	0	0
CHNW	18,731	19	0	0
CHNS	1,742	0	0	0
Ad-Clipped CHN	Not Reported	0	0	0
SH	104	0	0	0
Ad-Clipped SH	Not Reported	0	0	0
GST	Not Reported	0	Not Reported	Not Reported
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, GST= Green Sturgeon. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision.				

RBDD- The next RBDD update should be on 11/18/2015. Also, several juvenile Sturgeon have been observed this year which is different than past years. There was one Sturgeon measuring 351 mm long.

Still low numbers of older Juvenile Chinook salmon at Tisdale and Knights Landing.

Graphical summaries of the monitoring data collected at the Sacramento River and at other locations can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>. In addition, the biweekly passage reports of juvenile salmonids sampled at the Red Bluff Diversion Dam are available at http://www.fws.gov/redbluff/rbdd_biweekly.aspx.

Delta Fish Monitoring update Provided by Rhiannon Mulligan (DWR):

Preliminary FWS Trawl and Seine Catch Report from 11/01/15 to 11/07/15				
Species*	Beach Seines	Mossdale Trawl**	Sacramento Trawl	Chippis Island Trawl **
CHNF				
CHNLF				
CHNW			1	
CHNS				
Ad-Clipped CHN				
SH				
Ad-Clipped SH				
DSM				
LFS				
SPLT	1			
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, DSM=Delta Smelt, LFS=Longfin Smelt, SPLT = Splittail. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision.				

**No species of management concern for this sampling period

-Chippis Island Trawl has 1 adult Chinook and no other species of management concern.

Information about the Delta fish monitoring data from FWS can be found at

<http://www.fws.gov/stockton/jfmp/>.

Salvage Monitoring update update provided by Geir Aasen (DFW):

Preliminary DFW Salvage Report for Salmonids from 11/01/15 to 11/07/15*								
Species	Central Valley Project (CVP)				State Water Project (SWP)			
	Adipose-Fin Clipped (Ad-Clipped)		Non-Adipose Fin Clipped (Non-Clipped)		Adipose-Fin Clipped (Ad-Clipped)		Non-Adipose Fin Clipped (Non-Clipped)	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF								
Total to Date								
CHNLF								
Total to Date								
CHNW								
Total to Date								
CHNS								
Total to Date								
CHNU								
Total to Date								
SH								
Total to Date								
Notes: -Chinook race based on length (Delta model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, CHNU= Unknown race (Chinook greater than the length-at-date criteria or fork length not measured), SH =Steelhead. -Salvage and loss estimates are rounded to the nearest whole fish. -Documentation on how to calculate salvage and Chinook loss can be found at ftp://ftp.delta.dfg.ca.gov/salvage/Salmon%20Loss%20Estimation/ . -Steelhead loss: SWP steelhead loss = salvage x 4.33 and CVP steelhead loss = salvage x 0.68. -Total to date is the total since 10/1/13 (the start of water year 2014). -Data subject to revision.								

* No Salvage of listed species have been observed at either fish facility.

-Pumping has been low at both facilities especially SWP.

Preliminary DFW Salvage Report for Smelt and Other Species from 11/01/15 to 11/07/15*				
	CVP		SWP	
Species	Salvage	Total to Date	Salvage	Total to Date
DSM				
LFS				
SPLT				
GST				
WST				
Notes: -DSM=Delta Smelt, LFS=Longfin Smelt, SPLT=Splittail, GST=Green Sturgeon, WST=White Sturgeon. -Salvage estimates are rounded to the nearest whole fish. -Total to date is the total since 10/1/13 (the start of water year 2014). -Data subject to revision.				

* No Salvage of Smelt and Other species have been observed at either fish facility.

Smelt Monitoring Update provided by Trishelle Morris (DFW):

The only update is the 2015 Fall Midwater Trawl September-October memo that was distributed to the group. In summary, 4 Delta Smelt were collected at index stations in September and 0 Delta Smelt collected in October for an index of 5.

No Longfin Smelt were collected in September or October at either the index or non-index stations.

The Fall Midwater Trawl is out this week finishing the November survey. There will be an update next week.

Smelt Working Group Update provided by Leigh Bartoo (FWS)

The first administrative meeting is on Monday the 16th of November. The first official meeting is on November 30th.

The Smelt Working Group notes and FWS determinations are posted at http://www.fws.gov/sfbaydelta/cvp-swp/smelt_working_group.cfm.

Delta Operations for Salmonids and Sturgeon (DOSS) Working Group Update provided by Barb Byrne (NMFS)

2015 Long-term Operations BiOps Annual Review:

Event details and all materials available at: <http://deltacouncil.ca.gov/events/2015-long-term-operations-biological-opinions-annual-science-review>. Note that the presentations from the 2015 review will be posted at the very bottom of the page.

DOSS:

DOSS met on Tuesday, 11/10/15, and provided no advice.

Fish highlights:

- A 66mm winter-run sized Chinook was caught in the Sac Trawls on Friday, 11/6/15 – the first winter-run of the season in the Sac Trawls (have already seen winter-run in the beach seines and at Knights Landing rotary screw trap)
- DOSS estimates that <5% of the WR population are in the Delta; >95% still upstream.

Delta RPA Actions that may affect operations during November:**Action IV.1.1 (Alerts that indicate the Delta Cross Channel (DCC) gate operations may be triggered soon)¹:**

- The first alert (triggered if either component is met) was triggered based on Mill Creek and Deer Creek flows >95 cfs on 11/9/15
- The first component of the second alert has been met based on Knights Landing temperatures less than 56.3°F on 11/5-11/7, but the second alert is not triggered unless both components (Knights Landing water temperature and Wilkins Slough flow) are met.

Action IV.1.2² (DCC gate operations):

- Since 10/1/15, none of the criteria requiring DCC gate closure have been met.

Action IV.3³ (Reduce likelihood of entrainment or salvage at the export facilities, including alert that indicates that export operations may be need be altered)

- Third alert has not been triggered.
- No salvage-based triggers that would require export reduction have been exceeded over the past week.

Full DOSS notes posted at:

http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2016.html

¹ For details, see pages 60-61 in Enclosure 2 of the 2011 Amendments to the 2009 RPA document at: http://www.westcoast.fisheries.noaa.gov/publications/Central_Valley/Water%20Operations/Operations,%20Criteria%20and%20Plan/040711_ocap_opinion_2011_amendments.pdf. Note that in October 2014, NMFS approved a modification of the first component of the first alert to a 95 cfs mean daily flow threshold in either Mill Creek or Deer Creek in lieu of operating the Mill and Deer Creek rotary screw traps.

² For details, see pages 62-66 in Enclosure 2 of the 2011 Amendments to the 2009 RPA document; available at the URL listed in footnote 1.

³ For details, see pages 79-80 in Enclosure 2 of the 2011 Amendments to the 2009 RPA document; available at the URL listed in footnote 1.

Operations update provided by Loi Train (DWR)

Preliminary Summary for 11/12/2015			
SWP		CVP	
Clifton Court Inflow (cfs)	1,000	Jones Pumping Plant (cfs)	2,000
SWP San Luis Reservoir Share (TAF) as of Midnight	297	CVP San Luis Reservoir Share (TAF) as of Midnight	84
San Luis Reservoir Total (TAF) as of Midnight	381	American – Nimbus Reservoir Releases (cfs)	500
Feather – Oroville Reservoir Releases (cfs)	1,200	Sacramento – Keswick Reservoir Releases (cfs)	4,800*
DELTA OPERATIONS			
Outflow (cfs)	~5,600	Delta Cross Channel (DCC) Gates	Closed
Total Delta Inflow (cfs)	~8,077		
X2 (km)	>81		
Export/Inflow (%)	37.4% (3-day avg)		

*Releases are going to 4,600cfs, on Sunday 4,450cfs, and by Monday 4,250cfs.

A summary of daily operations can also be viewed at <http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

Next Conference Call: The Next DAT call is Thursday, 11/19/2015 at 11am.